

6. (amended) Pharmaceutical composition comprising [one or more of the peptides] at least one peptide according to [claims 1-4] claim 1 and a [pharmaceutical] pharmaceutically acceptable carrier.

A2

7. (amended) [Use of one or more of the peptides according to claims 1-4] A method for the manufacture of a pharmaceutical preparation for the induction of specific T-cell tolerance to an autoantigen in patients suffering from autoimmune disorders, [more specifically arthritis] comprising combining a peptide according to claim 1 with a pharmaceutically acceptable carrier.

8. (amended) Diagnostic composition comprising [one or more of the peptides] at least one peptide according to [any of the claims 1-4] claim 1 and a detection agent.

Please add the following new claims 9 - 12.

-- 9. A method for the induction of specific T-cell tolerance in a patient suffering from an autoimmune disorder, comprising administering an effective amount of a peptide according to claim

1. --

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-- 10. A method for the induction of specific T-cell tolerance in a patient suffering from an autoimmune disorder, comprising administering an effective amount of a peptide according to claim

2. --

-- 11. Peptide according to claim 2 having an amino acid sequence of 13 to 25 amino acid residues. --

-- 12. A method for detecting autoreactive T-cells comprising: providing peripheral blood mononuclear cells; culturing the peripheral blood mononuclear cells;